

Epidemiologist 2

Office of Informatics and Analytics

Nashville, TN

Who we are and how we impact Tennessee:

TDH incorporates our values into the work we do each day to achieve our mission, live our vision and address our two strategic priorities of prevention and access.

Mission:

Protect, promote, and improve the health and prosperity of people in Tennessee.

Vision:

- Healthy People
- Healthy Communities
- Healthy Tennessee

Our Values:

- Collaboration
- Excellence
- Integrity
- Compassion
- Respect
- Health Equity

Strategic Priorities:

Prevention:

- Support Local Leadership
- Decrease Youth Obesity
- Decrease Tobacco Use
- Decrease Substance Misuse
- Prevent and Mitigate Adverse Childhood Experiences

Access:

- Optimize Internal Clinical Efficiency
- Improve External Primary Care Access
- Leverage Innovation
- Expand Partnerships

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Job Overview:

The Tennessee Department of Health (TDH) Office of Informatics and Analytics (OIA) is currently recruiting a highly motivated and qualified Epidemiologist 2 to provide surveillance support for the TDH Drug Overdose Reporting (DOR) program. OIA leads the TDH's data-driven response to the overdose epidemic and as the DOR Epidemiologist, this individual will be primarily responsible for managing and analyzing DOR data and developing DOR analytic reports and visualizations to support drug overdose public health surveillance activities. The DOR Epidemiologist will also work with the DOR Onboarding Coordinator, providing onboarding support related to development and execution of a DOR data quality strategy for Trading Partner's test and production DOR data. Other job duties include working with OIA team members to integrate DOR surveillance with other data sources and specific public health reporting projects like electronic case reporting of overdose data to TDH.

With this position, there is the potential for presentation and public speaking opportunities. OIA-Informatics staff will assist with emergency response situations when necessary. This position may require some in-state and possible out-of-state travel.

- Must be eligible to work in the US.
- Work must be performed in the US.
- Potential opportunities for remote work.

Key Responsibilities:

- Serve as DOR surveillance subject matter expert.
- Develop DOR surveillance data quality strategy, process, and procedures.
- Develop DOR analytic surveillance reports, briefs, and enhanced data visualizations using data visualizations platforms such as Tableau or R.
- Work with DOR Onboarding Coordinator and Informatics staff to develop dynamic dashboards to assess DOR data quality, completeness, and timeliness that allow for data-driven decision making.
- Bridge complex data analytics and present data in a clear and consumable manner (e.g., data briefs, reports, visualizations) for a range of audiences (e.g., health leadership, other state agencies, the public).
- Assist in defining and applying drug overdose case definition.

- Assist in determining and applying methods that distinguish unique drug overdose events.
- Assist with incorporating DOR data into overdose-related analytic surveillance reports, briefs, and enhanced data visualizations.
- Provide support for the region/metro health department DOR Data Sharing REDCap project.
- Assist with the integration of DOR data into the integrated disease, surveillance, and the migration of drug overdose reporting to Electronic Case Reporting.

Minimum Requirements:

Education and Experience: Graduation from an accredited college or university with a doctorate degree in epidemiology.

OR

Education and Experience: Graduation from an accredited college or university with a doctorate degree in medicine (MD), osteopathic medicine (DO), veterinarian medicine (DVM), public health, biostatistics, statistics, health informatics, health sciences, biomedical sciences, or environmental sciences with experience equivalent to two years' work experience in epidemiology.

Substitution of Education for Experience: Additional graduate coursework in public health or an Epidemic Intelligence Service (EIS) Fellowship may substitute for the required experience on a year-for-year basis to a maximum of two years.

OR

Education and Experience: Graduation from an accredited college or university with a master's degree in epidemiology, public health, biostatistics, statistics, or health informatics with experience equivalent to four years' work experience in epidemiology.

Substitution of Education for Experience: Additional studies with an Epidemic Intelligence Service (EIS) Fellowship may substitute for the required experience on a year-for-year basis to a maximum of two years.

OR

Education and Experience: Graduation from an accredited college or university with a master's degree in health science, biomedical science or environmental science with experience equivalent to six years' work experience in epidemiology.

Substitution of Education for Experience: Additional studies with an Epidemic Intelligence Service (EIS) Fellowship may substitute for the required experience on a year-for-year basis to a maximum of two years.

Preferred Qualifications:

Preferred candidates for this position will have a strong understanding of epidemiological methods, have data visualization analysis experience using at least one of the visualization tools, experience managing and analyzing data using a statistical packages (SAS / R), and be proficient with basic SQL commands. Individuals should have excellent organizational skills and a keen attention to detail with strong oral and written communication skills.

To apply:

Complete application process through tn.gov/careers.

Pursuant to the State of Tennessee's Workplace Discrimination and Harassment policy, the State is firmly committed to the principle of fair and equal employment opportunities for its citizens and strives to protect the rights and opportunities of all people to seek, obtain, and hold employment without being subjected to illegal discrimination and harassment in the workplace. It is the State's policy to provide an environment free of discrimination and harassment of an individual because of that person's race, color, national origin, age (40 and over), sex, pregnancy, religion, creed, disability, veteran's status or any other category protected by state and/or federal civil rights laws.